

Form PTO-1449 (SNL-Modified) (2-91)
List of Patents and Publications
for Applicant's
Information Disclosure Statement

(use several sheets if necessary)

Atty Docket No: SD-8479
Serial Number: not assigned

Applicant: Nilson, et al.

GROUP: FILING DATE: 10/09/03

REFERENCE DESIGNATION

Ex'r	U.S. Patent Documents	Sub	
Init	Document No. Date Name	Class	Class Filing Date (when applicable)

|AA
|AB

Ex'r	Foreign Patent Documents	Sub	Translation?	
Init	Document No. Date Name	Class	Class	Yes No

|BA
|BB

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TM

|CA Catton, I. and Stroes, G. R., 2002, "A Semi-Analytical Model to Predict the Capillary Limit of Heated Inclined Triangular Capillary Grooves," ASME Journal of Heat Transfer, 124, pp. 162-168 |

|CB Sivaraman, A., De, S. and Dasgupta, S., 2002, "Experimental and Theoretical Study of Axial Dryout Point for Evaporation from V-Shaped Microgrooves," Intl. J. Heat Mass Transf., 45, pp. 1535-1543 |

|CC Peles, Y. P. and Haber, S., 2000, "A Steady One Dimensional Model for Boiling Two Phase Flow in a Triangular Microchannel," Intl. J. Multiphase Flow, 26, pp. 1095-1115. |

|CD Wayner, P. C., 1999, "Intermolecular Forces in Phase-Change Heat Transfer: 1998 Kern Award Review," AIChE Journal, 45(10), pp. 2055-2068 |

|CE Ehrfeld, W. and Schmidt, A., 1998, "Recent Developments in Deep X-Ray Lithography," J. Vac. Sci. Technol. B 16(6), pp. 3526-3534 |

|CF Stroes, G. R. and Catton, I., 1997, "An Experimental Study of the Capillary Performance of Triangular Versus Sinusoidal Channels," ASME Journal of Heat Transfer, 119, pp. 851-853 |

|CG Ha, J. M. and Peterson, G. P., 1996, "The Interline Heat Transfer of Evaporating Thin Films Along a Micro Grooved Surface," ASME Journal of Heat Transfer, 118, pp. 747-755 |

|CH Faghri, A, 1995, Heat Pipe Science and Technology, Taylor and Francis Publishers, New York, NY |

|CI Stroes, G. R., Rohloff, T. J. and Catton, I., 1992, "An Experimental Study of the Capillary Forces in Rectangular vs. Triangular Channels," Proceedings of the 28th National Heat Transfer Conference, August 9-12, San Diego, HTD-Vol. 200, pp.1-7 |

TM

Examiner:

Lee O. McRae

Date Considered:

8-26-04

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Form PTO-1449 (SNL-Modified) (2-91)
List of Patents and Publications
for Applicant's
Information Disclosure Statement

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Atty Docket No: SD-847
Serial Number: not assigned
Applicant: Nilson, et al.

GROUP: FILING DATE: 10/03/03

REFERENCE DESIGNATION

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ICJ Stephan, P. C. and Busse, C. A., 1992, "Analysis of Heat Transfer Coefficient of Grooved Heat Pipe Evaporator Walls," Int. J. Heat Mass Transf., 35(2), pp. 383-391

ICK Xu, X. and Carey, V. P., 1990, "Film Evaporation from a Micro-Grooved Surface – An Approximate Heat Transfer Model and Its Comparison with Experimental Data," J. Thermophysics, 4(4), pp. 512-520

ICL Becker, E. W., Ehrfeld, W., Hagmann, P., Maner, A. and Munchmeyer, D., 1986, "Fabrication of Microstructures with High Aspect Ratios and Great Structural Heights by Synchrotron Radiation Lithography, Galvanoforming and Plastic Moulding (LIGA Process)," Microelectronic Eng., 4, pp. 35-56

ICM Schneider, G. E. and DeVos, R., 1980, "Nondimensional Analysis for the Heat Transport Capability of Axially Grooved Heat Pipes Including Liquid/Vapor Interaction," AIAA Paper No. 80-0214

ICN Haskell, K. H., Vandevender, W. H. and Walton, E. L., 1980, "The SLATEC Mathematical Subroutine Library: SNL Implementation," SAND80-2992, Sandia National Laboratories, Albuquerque, NM

ICO Ayyaswamy, P. S., Catton, I., and Edwards, D. K., 1974, "Capillary Flow in Triangular Grooves," ASME J. Appl. Mech., pp. 332-336

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